



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SIDEBOTTOM ET AL

Serial No.: 09/582,296

Group Art Unit: 1654

Filed: December 4, 2000

Examiner: Teller

Title: FROZEN FOOD PRODUCT

June 5, 2003

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TECH CENTER 1600/2900

**AMENDMENT AND RESPONSE**

Mail Stop Non-Fee Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated March 5, 2003, please amend the above application as follows:

**IN THE CLAIMS**

Cancel claims 6, 7, 8 and 9 without prejudice.

Please enter the following amendments:

1. (Thrice Amended) A purified anti-freeze protein having an apparent molecular weight of from 20 to 28 kDa and having an N-terminal amino acid sequence which shows at least 80% overlap with:

A-P-A-W-M-D-A-E-S-F-G-A-I-A-H-G-G-L (SEQ ID NO: 1) and glycosylated versions of this protein which do not affect its ice recrystallization inhibition properties.